

ARMY TRAINING DEVELOPMENTS INST FORT MONROE VA  
WORD CRITICALITY ANALYSIS. MOS: 63W. SKILL LEVEL 1 & 2.(U)  
SEP 81 A A LONGO  
MOS-63W

NL

|| ||



END

2000

0000

666

DTIC FILE COPY

HEADQUARTERS

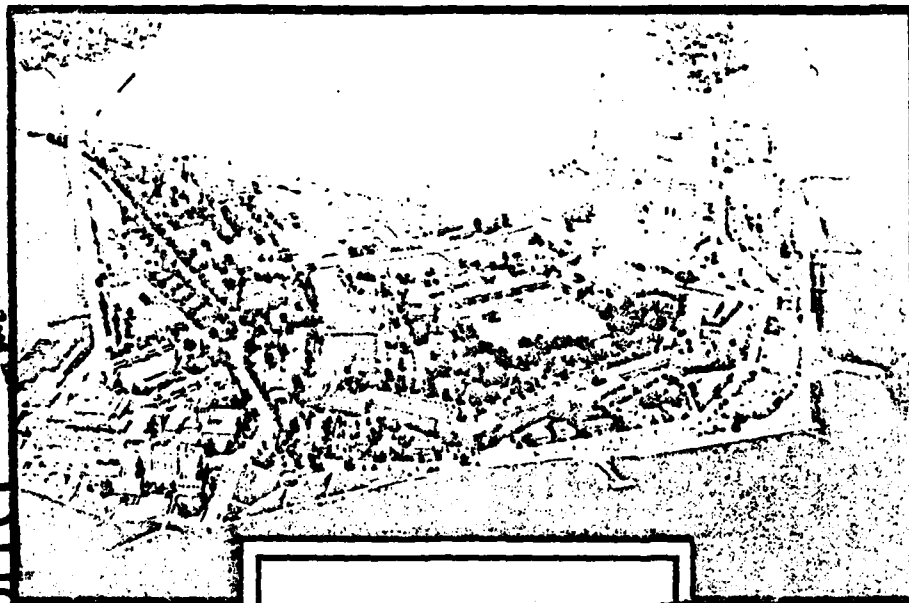
AD A116517

DATA CONTROL NUMBER

100 NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



This document has been approved  
for public release and sale; its  
distribution is unlimited.

Copy available to DTIC users  
permitted fully legible reproduction

DTIC  
ELECTE  
JUL 0 6 1982

Word Criticality Analysis

MOS: 63W

Skill Level 1 + 2

PREPARED BY: OPERATIONS DIV, DPFO

FORM  
ATOP Oct 66 109-1

Feb 85 edition may be used  
until exhausted.

COPY \_\_\_\_ OF \_\_\_\_ COPIES

82 07 06 149

(4)

## **DISCLAIMER NOTICE**

**THIS DOCUMENT IS BEST QUALITY  
PRACTICABLE. THE COPY FURNISHED  
TO DTIC CONTAINED A SIGNIFICANT  
NUMBER OF PAGES WHICH DO NOT  
REPRODUCE LEGIBLY.**

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER <b>63W</b>	2. GOVT ACCESSION NO. <b>AD A116517</b>	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Word Criticality Analysis MOS: <b>63W</b> Skill Level: <b>192</b>		5. TYPE OF REPORT & PERIOD COVERED <b>Final</b>
7. AUTHOR(s)  Dr. Alexander A. Longo		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS Training Developments Institute ATTN: ATTC-DOR Fort Monroe, VA 23651		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS Training Developments Institute ATTN: ATTC-DOR Fort Monroe, VA 23651		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE <b>Sep 1981</b>
		13. NUMBER OF PAGES <b>10</b>
		15. SECURITY CLASS. (of this report) <b>Unclassified</b>
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report)  Approved for Public Release; Distribution is unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) MOS Vocabulary Readability Comprehension of text Curriculum Development		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report contains terms selected as having some degree of criticality in the training/performance of tasks contained in the respective MOS Soldier's Manual (SM). These critical words were selected by subject matter/job experts knowledgeable in their MOS. The vocabulary set used as the basis for critical word analysis was the Word Frequency Report based on the SM for the same MOS.		

DD FORM 1 JAN 73 1473

EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

### Contents and General Information

1. The Word Criticality Analysis (WCA) reports were reproduced exactly as generated via computer printout. The prime users of this document were fully cognizant of its contents and required no special instructions for interpretation. However, for the sake of other readers, the following brief description of contents is provided.

2. The WCA reports for most MOS are divided as follows:

- o Skill Level I
- o Skill Level II

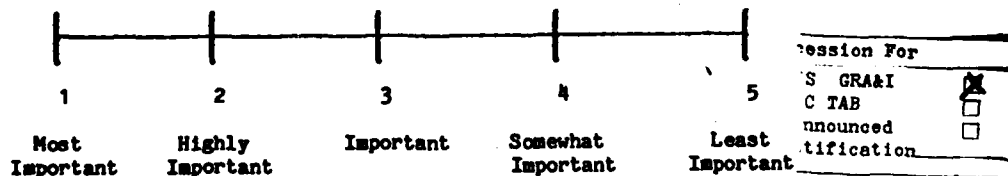
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

a. Introductory - these MOS critical words, identified by the code "TRN", represent terms unmatched on the master tape for that MOS. (Reasons for this include: words volunteered as critical; keypunching errors; updating master tapes per changes in SM, etc). NOTE: The number to the left of each critical word is its criticality index defined below.

b. Main - these MOS critical words are ranked alphabetically within a criticality index (defined below) that also is ranked from 1-5. The numbers to the right of the critical words represent the SM page on which that term appeared and its frequency of appearance. Example "222,4" is interpreted as: "4 times on page 222". NOTE: Due to computer programming/sort difficulties, the accuracy of correct page referencing is only approximately 80% for most reports. Improvements in programming and coding increased this accuracy to 95% in those reports completed last (i.e., dated Jan-Mar 82).

### 3. Word Criticality Index:

The following 5 point rating scale was used by a team of up to 3 subject matter experts from Army MOS proponent schools to rate each word selected as having some importance for training/performing a critical task:

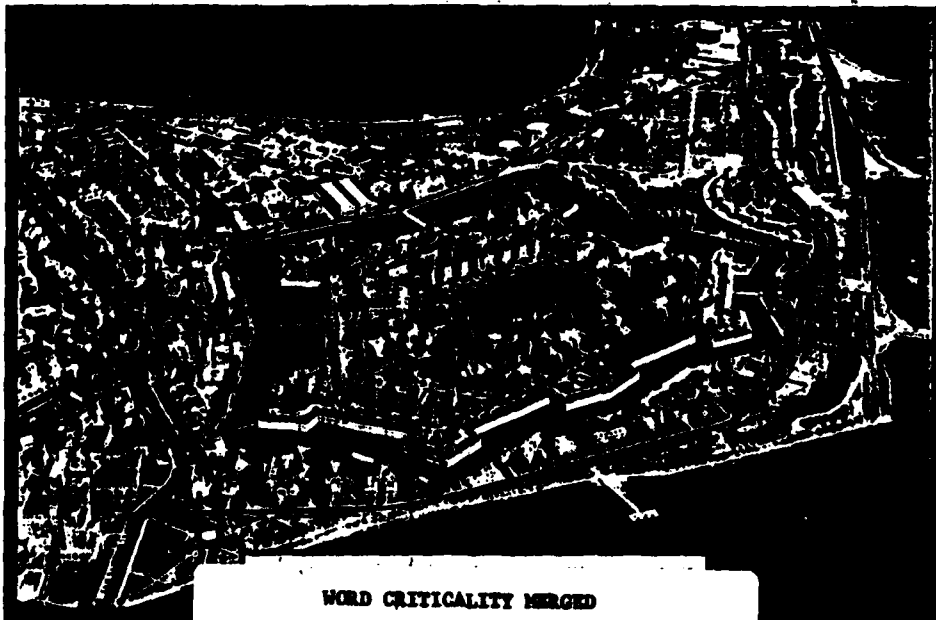


By _____	
Distribution/ _____	
Availability Codes _____	
Dist	Avail and/or Special
A	23 CP

**HEADQUARTERS**  
**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**  
**FORT MONROE, VIRGINIA 23651**

DATA CONTROL NUMBER             
JOB NO / PROJECT NO

WCA  
2 FEB 1982  
ORAD



WORD CRITICALITY MERGED

MOS 63W

SKILL 1

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM 109 Replaces ATDP 110, Jul 75, which is obsolete

COPY        OF        COPIES



PAGE NO

**2 TYPE**

RECnRD BYTES

1 ABSORBER *				TRN	26
1 ARM *				TRN	26
1 BOX *				TRN	26
2 CARBON *				TRN	26
3 CENTER *				TRN	26
1 COARSE				TRN	26
1 COILS				TRN	26
1 COOLER *				TRN	26
1 DRAG *				TRN	26
1 FIGURE *				TRN	26
2 FT-LB *				TRN	26
1 GAP *				TRN	26
1 CASH *				TRN	26
1 LB-PY *				TRN	26
1 LEADS *				TRN	26
2 LG "				TRN	26
1 MUSHROOMED *				TRN	26
1 PITMAN *				TRN	26
1 PREVENTIVE *				TRN	26
1 PSI *				TRN	26
1 REENGAGE				TRN	26
1 ROD *				TRN	26
1 RODS *				TRN	26
1 TORQUE *				TRN	26
1 WIRE *				TRN	26
2 WIRING *				TRN	26
MASTER READ	4544	TRANE READ	401	UPDATED RECORDS	1309
CRECL	28	CRECL	20	CRECL	32
00N3122	0120	00N3122	2000	00N3122	2120

SYNCSORT IV-AND-A-HALF COPYRIGHT WHITLOW COMPUTER SYSTEMS, INC. 1979 REL 2.9EN DATE=02/014 TIME=14.11.29

[illegible]





PAGE NO 2 TYPE RECORD BYTES

[illegible]

**JOBNAME=THEROID7 STEP=STEP0 STEP= STEP=**

~~DDNAME I/O REPAIR LABEL DENOTE RPH DSO UNIT VOLUME DSN~~

SYSPRINT

SYSDUMP

SYSDT1. 1500 0 52 5136 PM P5 140 UODPM1 SYSDT14, 1070914, RV000-THER0107.PRINT

SECRET

\_\_\_\_\_

[illegible]



## DATE 02014 1411 PAGE 3

[illegible]

•

COVER	2- 80:1	2- 80:1	2A 90:1	2A 90:1	2A 40:1
CYLINDER	2- 80:1	2A 80:1	2A 70:1	2A 70:1	
CYLINDERS	2- 80:1	2- 20:1			
DAMAGE	2- 10:1				
DECK	2- 80:1				
DEFECTIVE	2- 80:1				
DEPRESS	2- 80:1				
DETERMINED	2- 80:1				
DIESEL	2- 40:1				
DIRECT	2- 92:2				
DISABLED	2- 92:2	2- 90:6	2- 90:4	2- 60:2	2- 60:1
DISCONNECT	2- 92:2	2- 25:2	2- 90:1	2- 90:1	2- 90:1
	2- 40:1	2- 40:1	2- 90:1	2- 90:1	2- 90:1
DISCONNECTED	2- 10:1	2- 10:1	2- 90:1	2- 90:1	2- 90:1
DISCONNECTING	2- 20:1	2- 20:1	2- 90:1	2- 90:1	2- 90:1
DISENGAGE	2- 82:1	2- 90:1	2- 82:1	2- 80:1	2- 80:1
DRAINED	2- 49:1	2- 47:1	2- 49:1	2- 17:1	2- 14:1
DRIPTS	2- 80:1				
DRUM	2- 80:1	2- 80:1			
ELECTRIC	2- 80:1	2- 80:1			
ELECTRICAL	2- 80:1	2- 10:1			
EMERGENCY	2- 39:1				
ENGAGE	2- 92:1	2- 20:1	2A 90:1		
ENGAGEMENT	2- 80:1	2- 90:1	2A 80:1	2A 80:1	2A 80:1
ENGINE	2- 80:1	2- 80:1	2A 80:1	2A 80:1	2A 80:1
EXCESS	2- 80:1	2- 80:1	2A 80:1	2A 80:1	2A 80:1
FILTER	2- 80:1	2- 40:1			
FITTINGS	2- 20:1	2- 10:1	2A 80:1		
FORCING	2- 11:1				
FRICTION	2- 80:1	2A 80:1	2A 80:1	2A 80:1	
FUEL	2- 80:1	2A 80:1	2A 80:1	2A 80:1	
GASKETS	2- 80:1				
GASOLINE	2- 10:1				
GEAR	2- 14:1	2- 11:4	2- 80:1	2- 44:1	2- 80:4
MOIST	2- 9:1	2- 50:1	2- 47:2	2- 20:2	2- 20:1
HOSE	2- 10:1	2- 10:1			2- 17:1
HUSES	2- 11:1	2- 10:1	2A 80:1	2A 80:1	2A 80:1
HOUSING	2- 11:1	2A 80:1	2A 80:1	2A 80:1	2A 80:1
MUB	2- 11:1				
TOLER	2- 44:1	2- 30:1			
INLET	2- 49:1	2- 30:1			
INSERT	2- 80:1				
INTAKE	2- 7:1				
JACK	2- 90:2	2- 20:1	2- 80:1	2- 20:1	
JAKES	2- 90:1				
JACKSTANDS	2- 10:1				
LEVER	2- 22:2	2- 53:4	2- 52:3	2- 40:1	2- 37:1
LINKAGE	2- 44:1	2- 40:2	2- 47:1	2- 31:1	2- 31:1
LOOSEN	2- 82:1	2- 44:1	2- 22:1	2- 30:1	2- 20:2
LUBRICANTS	2- 91:1				2- 24:1

## DATE 02014 1411 PAGE 2

[illegible]

## DATE 82014 1411 PAGE

DATE 82014 1411 PAGE 8

قوله



## DATE 02014 1411 PAGE 1

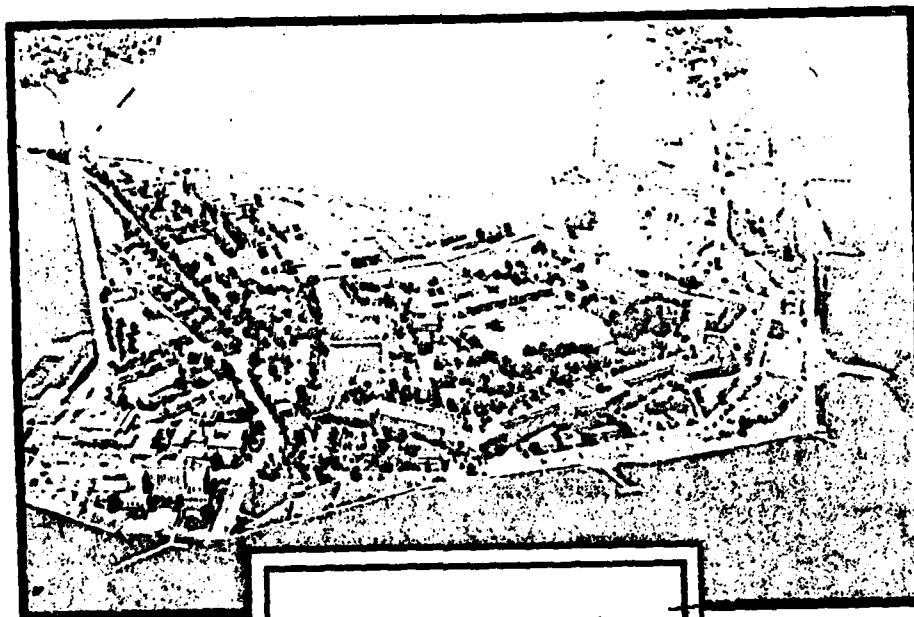
[illegible]

[illegible]

[illegible]

**HEADQUARTERS**  
**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**  
**FORT MONROE, VIRGINIA 23651**

DATA CONTROL NUMBER             
JOB NO / PROJECT NO



Word Criticality Analysis

MOS: 63W

Skill Level 2

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM  
Oct 89 109-1 Feb 89 edition may be used  
until exhausted.

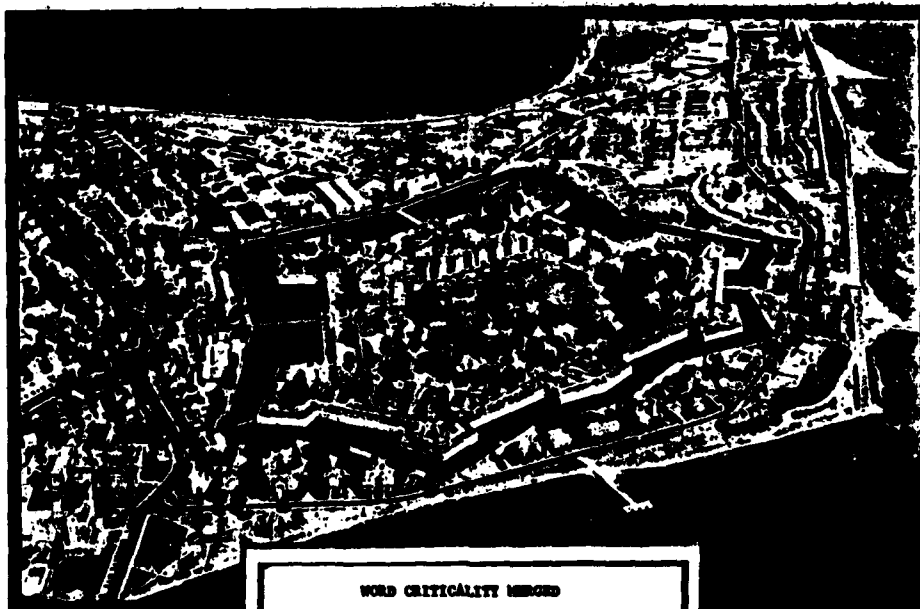
COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

**HEADQUARTERS**  
**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**  
**FORT MONROE, VIRGINIA 23651**

DATA CONTROL NUMBER 100 00 / PROJECT 00

**WCA**  
**2 FEB 1982**  
**2 FEB 1982**

**ORAD**



WORD CRITICALITY MERGED

NOB 63W

SKILL 2

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM 109 Replaces ATDP 110, Jul 75, which is obsolete

COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

05 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

JOBNAME=TNERO127 STEP=STEP1 STEP=

DDNAME	I/O	REPREC	RECL	BLKSIZE	RPM	DSO	UNIT	VOLSER	DSN
SYSPRINT							641		
SYSOUT							645		
SORTWK01							140	UATK01	
SORTWK02							148	UZWRK3	
SORTWK03							149	UATK02	
SORTWK04							148	UATK01	
SYSUDUMP							649		
SYSUT1	4341						140	UATK01	SYS02014.T010014.0000.TWER0107.WRP05
SYSUT2	2617						140	IN TAP	SYS02014.T010014.0000.TWER0107.PAGE
SYSIN							603		
*SORTED*	4337		20						

J E J A J N O E J A J N DJ: DJ

```

MODE RETRIEVE
MOVE M=1, T=3, LEN=21.
WRITE EQUAL
MOVE T=1, M=1, LEN=1
MOVE M=1, U=2, LEN=27
MOVE M=24, U=24, LEN=
WRITE SYSUT3
EXIT TRANSACTION
PRINT TRANSACTION

```

1 BREAKER *				TRN	26
2 BRS *				TRN	26
3 CMOKE *				TRN	26
4 CARNO *				TRN	26
2 DIAL *				TRN	26
1 DWELL *				TRN	26
2 ELEVATING *				TRN	26
1 INJECTION *				TRN	26
2 INJECTOR *				TRN	26
3 INJECTORS *				TRN	26
4 INSTALLER *				TRN	26
3 KNUCKLE *				TRN	26
1 METER *				TRN	26
NEEDLE *				TRN	26
NO-LOAD *				TRN	26
PATTERN *				TRN	26
3 PREFORMED *				TRN	26
3 RELIEF *				TRN	26
2 RESISTANCE *				TRN	26
3 SHUTOFF *				TRN	26
4 SOFT-JAWED *				TRN	26
2 STROKE *				TRN	26
2 SYMBOL *				TRN	26
1 TFC *				TRN	26
1 TIMING *				TRN	26
1 VACUUM/PRESSURE *				TRN	26
1 VALVE *				TRN	26
3 WORMGEAR *				TRN	26
MASTER READ	2617	TRANS READ	70	UPDATED RECORDS	57
LRCL	32	LRCL	26	LRCL	32
BLR SIZE	3136	BLR SIZE	2600	BLR SIZE	3136



```
REL 2.05EN DATE=02/014 TIME=10.45.17
```

SCRIPT FIELDS = (1, 23, CH1A)

WER134B DCS 1212Z JAN 68  
 WER164B DCS 1400Z JAN 68  
 WER131A CGE AVAL 011440510511 0000 USE0 0114400  
 SECONDARY EXTENTS OBTAINED FOR  
 T2  
 NMAX = 252601  
 TRACKS-PRIM-0007601 SEC-000000100-00000  
 G = 1504  
 TURNAROUND SORT PERFORMED  
 END SORT PH  
 FILE SIZE 1,024 BYTES  
 PCD IN 57 DUT 57  
 TPT'S APPLIED 1234  
 END SYNC SORT 1234  
 END OF MESSAGE



05 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

[illegible]

100 WORDS PER LINE, 12 LINES

1	ACCUMULATOR	2- 86.1			
1	CAM	2- 78.1			
1	CAMSHAFT	2- 78.1			
1	COMPRESSION	2- 78.1			
1	CRANK SHAFT	2- 78.3			
1	PISTON	2- 69.3	2- 86.1	2- 78.1	
1	STUD	2- 80.1			
1	TACUBLESNOOT	2- 84.3	2- 86.1		
1	TURBOCHARGED	2- 93.1	2- 93.1		
1	VALVES	2- 78.1	2- 78.1		
2	AUTOMATIC	2- 76.1			
2	CLOCKWISE	2- 80.1			
2	COUNTERCLOCKWISE	2- 80.1			
2	RAYTO	2- 80.1			
2	SEQUENCE	2- 80.1			
2	SLEEVE	2- 71.1			
2	SNAPRINGS	2- 71.1			
2	TESTEP	2- 92.1			
3	DETECTED	2- 86.1			
3	EXTRACTOR	2- 86.1			
3	FANNICATED	2- 86.1			
3	LIMBER	2- 86.1			
3	LOCKNUT	2- 95.1			
3	MALFUNCTIONS	2- 86.1			
3	MULTIFUEL	2- 87.2			
3	NICKS	2- 71.1			
3	NOZZLE	2- 92.2			
3	PLUNGER	2- 80.1	2- 71.2	2- 86.1	2- 80.1
3	PREVENTIVE	2- 96.1			
3	STATIC	2- 92.1			
3	TAPPET	2- 71.1			
3	TAPPETS	2- 71.1			
3	WORMSHAFT	2- 86.1			
4	EXTENSION	2- 86.1	2- 86.1	2- 86.1	2- 86.1
4	GREASE	2- 71.1			
4	INDICATING	2- 96.1			
4	LATCH	2- 90.1			
4	RPM	2- 85.1			
4	SCRATCHES	2- 71.1	2- 86.1		
4	SPACERS	2- 71.1			
5	CONCENTRICITY	2- 92.2			
5	FORKLIFT	2- 86.1			

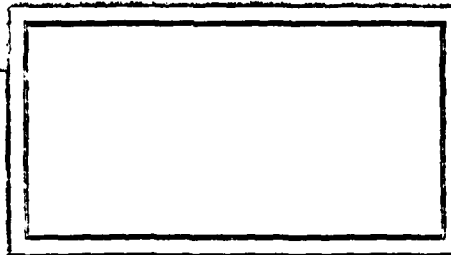
**HEADQUARTERS**

**DATA CONTROL NUMBER**

**JOB NO / PROJECT NO**

**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**

**FORT MONROE, VIRGINIA 23651**



**PREPARED BY: OPERATIONS DIV. DPFO**

**ATDP** FORM  
Oct 60 109-1

Feb 60 edition may be used  
until exhausted.

**COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES**

END

DATE  
FILMED

8 82

DTIC